

ABSTRACT

A method includes the steps of delivering a main combustion air quantity and a main fuel quantity, from which a main mixture is formed, to the combustion chamber; igniting the main mixture formed in an area of a ignition top dead center; and introducing an additional combustion air quantity and an additional fuel quantity into the combustion chamber after the combustion of the main mixture in such a way that a fuel-exhaust gas/air mixture is formed, which mixture is reacted in an area of a gas exchange top dead center of the piston.